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PATENT

GROUP 1700

Docket No. M06820 PCT/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Kazuya Nakata

Examiner: Andrew L. Oltmans

Serial No.: 09/807658

Art Unit: 1742

Filed: 08/27/2001

Title: Hydrophilizing agent for metallic material hydrophilizing fluid method of hydrophilizing metallic material and heat exchanger

CERTIFICATION OF FACSIMILE TRANSMISSION
I hereby certify that this correspondence is being facsimile transmitted to the Assistant Commissioner for Patents, on the date shown below

April 3, 2003

Date

Mary Lynne Carlisle
Signature of certifier

Mary Lynne Carlisle
Printed name of certifier

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REPLY UNDER 37 CFR §1.111

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

This paper responds to the Official Action mailed October 3, 2002. A Request for a three-month extension of time is transmitted herewith, accordingly this response is timely filed on April 3, 2003.

AMENDMENT

Please amend the claims as follows:

1. (Twice Amended) A hydrophilization agent for metallic material, comprising:
- (A) a hydrophilic polymer having at least one non-ionic functional group selected from the group consisting of primary amide groups, secondary amide groups, tertiary amide groups, hydroxyl groups and polyoxyalkylene groups;
- (B) a hydrophilic polymer having at least one ionic functional group selected from the group consisting of sulfonic acid groups, phosphonic acid groups,